

AMENDED CLAIMS

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1. A method for monitoring exception events generated by a software application, comprising:
 - operating the software application to generate exception event data responsive to an exception event;
 - monitoring the software application to identify an occurrence of said exception event and to obtain said exception event data;
 - examining said exception event data to determine whether said exception event is a critical exception event and to identify critical exception event data;
 - determining type of said critical exception event; and
 - processing said critical exception event data responsive to said type of said critical exception event.
2. The method of Claim 1, wherein said operating includes operating said software application in at least one of a .NET framework and a J2EE framework.
3. The method of Claim 1, wherein said determining includes determining whether said type of said critical exception event is at least one of a primary critical exception event and a derived critical exception event.
4. The method of Claim 3, wherein said processing includes processing said critical exception event data responsive to at least one of said primary critical exception event and said derived critical exception event.
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7. The method of Claim 1, wherein said examining includes examining said critical exception event data to determine if an exception chain exists.

8. The method of Claim 7, wherein said processing further includes collecting critical exception event data responsive to said critical exception event and creating an exception event information database.

9. The method of Claim 8, wherein said processing further includes creating said critical exception chain and associating said collected critical exception event data with said critical exception chain.

10. The method of Claim 7, wherein said processing includes associating said collected critical exception event data with said critical exception chain.

11. The method of Claim 1, wherein said examining further includes comparing said exception event data with data contained within an exception event information database to determine whether said exception event is said critical exception event.

12. The method of Claim 1, wherein said examining further includes labeling said exception event as at least one of a critical exception, a non-critical exception, a derived exception event and a primary exception event.

13. The method of Claim 12, wherein said processing further includes updating said exception event information database with said exception event data

14. A system for operating a software application in a predefined framework, wherein the system includes machine-readable computer program code including instructions for causing a controller to implement a method for monitoring exception events generated by the software application, the method comprising, comprising:

operating the software application to generate exception event data responsive to an exception event;

monitoring the software application to identify an occurrence of said exception event and to obtain said exception event data;

examining said exception event data to determine whether said exception event is a critical exception event and to identify critical exception event data;
determining type of said critical exception event; and
processing said critical exception event data responsive to said type of said critical exception event.

15. The system of Claim 14, wherein said examining includes examining said critical exception event data to determine whether said critical exception event is at least one of a primary critical exception event and a derived critical exception event.

16. The system of Claim 14, wherein said predefined framework is at least one of a .NET framework and a J2EE framework.

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18. The system of Claim 14, wherein said processing includes processing said critical exception event data responsive to at least one of said primary critical exception event and said derivative critical exception.

19. A medium encoded with a machine-readable computer program code, the program code including instructions for causing a controller to implement a method for monitoring exception events generated by a software application, the method comprising:

operating the software application to generate exception event data responsive to an exception event;

monitoring the software application to identify an occurrence of said exception event and to obtain said exception event data;

examining said exception event data to determine whether said exception event is a critical exception event and to identify critical exception event data;

determining type of said critical exception event; and

processing said critical exception event data responsive to said type of said critical exception event.

20. A machine-readable computer program code, the program code including instructions for causing a controller to implement a method for monitoring exception events generated by a software application, the method comprising:

operating the software application to generate exception event data responsive to an exception event;

monitoring the software application to identify an occurrence of said exception event and to obtain said exception event data;

examining said exception event data to determine whether said exception event is a critical exception event and to identify critical exception event data;

determining type of said critical exception event; and

processing said critical exception event data responsive to said type of said critical exception event.